

**ARIZONA STATE LAND DEPARTMENT
MINERALS SECTION**

**ENERGY MINERAL DRILLING
SURFACE USE PLAN**

The following information must be submitted to and approved by the Department prior to initiating oil & gas related activities on Trust land. Any changes or additions to the operations described herein must first be approved in writing by the Department. Plan evaluation and approval may require 30 to 60 days.

Lease Number(s)_____

Lessee(s)_____

Name of Operator_____ **Telephone**_____

Address of Operator_____

Name of Field Representative_____

(If different from operator include address and telephone)

1. Period of Operation

This Surface Use Plan will not be approved for a term of more than one year from the date of approval. If proposed operations exceed one year, an addendum to this plan must be filed prior to the plan expiration date.

The operation is proposed to begin after _____ and end before _____

Further, the Operator will notify the Department at least five (5) days prior to the commencement of surface work under this plan as well as before the actual commencement of drilling operations.

2. Location

Attach an Index Map (8½"X11") at an appropriate scale as an exhibit to this plan showing the referenced property in relation to the nearest town or other prominent feature, the nearest public road and the access route from the public road to the well site.

County_____Township_____Range_____Section(s)_____

3. Existing Wells

Identify all existing wells in the area of the proposed well, within a distance of one mile at a minimum. Provide operator name, lease and well name, location, type, formation tops, etc. Show locations on an attached map at a scale no less than 1:24,000. This may be shown on the map as used for Item No. 2.

4. **Access**

The attached Access Route Map shows the details of existing and proposed routes extending from the nearest public road to the proposed well site. The maps are at a suitable scale to clearly show the features requested herein. A scale of 1:24,000 is recommended. Describe below in detail the extent of all proposed road maintenance, improvements and new construction, including well sites. Indicate any landmarks which may assist in locating the property and note any locked gates.

5. **Well Site Location**

On an attached topographic map at scale not smaller than 1:24,000, indicate the location of each proposed well site in relation to lease boundaries and access or provide a surveyed plat.

6. **Well Site Layout**

Provide a sketch of the proposed well site at an appropriate scale (no less than 1"=50 feet) showing proposed surface disturbance and site layouts, including dimensions, orientation, scale, locations of a drill hole, drill rig position, pits, pull out area for well service units, turn around areas, tanks, trailers, access, trash waste collection areas, etc.

7. **Surface Ownership**

Surface ownership and/or management authority is to be shown on an attached map. This information may be shown separately or on the Access Route Map prepared for Item No. 4. The name and contact information for any non-state owned surface crossed should be listed below, and the grazing operator or lessee should be identified for all parcels. The Operator should obtain written agreements or waivers for any private surface land used for access. Copies may be included as an appendix to this application.

8. **Use of Water and Construction Materials**

Identify the source of water or construction materials to be used and estimate the quantity to be used if the source is on Trust land.

9. **Compliance with Other Agencies**

Operator agrees to determine and comply with all permitting requirements of other governmental agencies having jurisdiction over Operator's activities related to this Surface Use Plan. The Operator should provide the Department with copies of all applications submitted to regulatory agencies and of all responses and permits received in order to expedite the processing of the Plan.

10. **Antiquities**

Archaeological clearance must be obtained from the State Historic Preservation Office (SHPO) before a Surface Use Plan can be approved and prior to the disturbance of land surfaces affected by the proposed activities, including access roads. Upon receipt of a Surface Use Plan the Land Department will contact SHPO and advise the operator of their recommendations when received. Alternatively, the Operator may contact SHPO directly, providing copies to the Department of all documents sent and received. SHPO may request the Operator to conduct archaeological surveys over areas of proposed operations. Based on the findings of the survey SHPO may make recommendations which may be made conditions for approval of the Plan.

11. Protected Native Plants

Pursuant to A.R.S. §3-905, if the destruction or removal of protected native plants is necessary to enjoy the privileges of the lease the Operator agrees to notify the Arizona Department of Agriculture at least 60 days prior to removal or destruction. For plants on State land, Operator will identify protected plants to be removed by submitting a written inventory to the Land Department and either salvage the plants for use in reclaiming the property or purchase them from the Arizona State Land Department. It is recommended that the Operator write to the Arizona Department of Agriculture identifying the areas of proposed surface activity and disturbance. The Department of Agriculture may request the Operator to conduct a survey of protected native plant species over areas of proposed operations. The Operator should submit copies of these letters and any agency responses to the Land Department in order to expedite Department approval.

12. Wildlife

The Operator will make a written request to the Arizona Game and Fish Department for a check of the Heritage Data Management System to identify species of special concern in the area of proposed operations. The Operator will also write to the U.S. Fish and Wildlife Department to obtain a list of endangered, proposed and candidate species. Copies of the Operators letters and the responses received will be provided to the Land Department in order to expedite Department approval.

13. Waste Disposal

Describe methods and locations proposed for containment and disposal of each type of waste material (i.e., cuttings, drilling fluids/mud, brine, garbage, salts & chemicals, trash, sewage, etc.).

14. Surface Reclamation Plans

Describe reclamation plans for all disturbed areas. Include removal of equipment, drilling fixtures, waste materials, backfilling, erosion control, recontouring, roads, top soil, reseeding, etc. Unless otherwise approved in writing by the Department, reclamation is to be completed within the approved plan period of one year.

15. Anticipated Bonding Requirements by AOGCC

Depending on circumstances, the Land Department may request a separate surface reclamation bond in addition to the performance bond that is required by the Arizona Oil and Gas Conservation Commission (AOGCC). Please provide the following information, if available, pertaining to AOGCC bonding requirements for this drill hole: dollar amounts, form of the bond (surety bond, certificate of deposit, etc.), and coverage (single well or blanket). The applicant should also identify any other outstanding plugging or reclamation obligations including wells already permitted by AOGCC or previously drilled and not plugged and abandoned under this bond or under other bonds, and an estimated total cost for plugging and surface reclamation for each well.

Operator _____ Date _____

16. Drilling Well Prognosis

Describe the drilling operation. Identify ground elevation, projected total depth, hole diameter, projected formation tops, proposed target formations and depth, drilling medium, casing program etc. Provide a generalized description of the completion or plugging and abandonment procedures and schedules. Operator may use the space provided below or use the Drilling Well Prognosis form available from AOGCC.

The Operator agrees to abide by the methods and extent of the operations described herein.

LESSEE: _____ DATE _____

Plans must be signed by the lessee, statutory agent, holders of a power of attorney on file with the Department, or by a duly authorized representative of the company.

CONDITIONS OF APPROVAL: _____

Operator also agrees to abide by the above listed CONDITIONS OF APPROVAL.

LESSEE: _____ DATE _____

Following the Department's evaluation of this plan, two copies of the Conditions of Approval will be sent to the Operator noting any conditions which may be required by the Department. To accept the conditions, the Operator shall sign and return one copy to the Department which will be attached to, and become a part of, the permit.

Operator _____ Date _____

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Plan Number: _____

Bond Amount: _____

Approved for the period: Beginning: _____ Expiring: _____

Approved/Denied By: _____ Date: _____

Date of Lease Issue: _____ Date Last Plan Submitted: _____

Plan Number: _____

Remarks: _____

Commencement of surface work notification received: _____ Date: _____

Commencement of drilling notification received: _____ Date: _____

Completion and reclamation notification received: _____ Date: _____